

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

September 2, 1981

RECEIVED
SEP 03 1981

Utah Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

DIVISION OF
OIL, GAS & MINING

Attention: Mr. Cleon Feight

Re: Lauck Federal #1
Section 29-T16S-R25E
Grand County, Utah

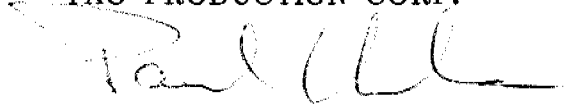
Gentlemen:

Enclosed for your review and approval are three copies of an Application for Permit to Drill for the above-referenced well location. Copies of the survey plat, and blowout preventer diagram are also submitted in triplicate.

If you have any questions, please contact me at this office.

Very truly yours,

TXO PRODUCTION CORP.


Paul Urban
Environmental Scientist

PU/BS
Enclosures/as stated

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

TXO Production Corp.

DIVISION OF
OIL, GAS & MINING

3. ADDRESS OF OPERATOR

1800 Lincoln Center Building, Denver, Colorado 80264

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

1045' FNL, 555' FWL Section 29-T16S-R25E

At proposed prod. zone

NWNW

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 31 miles NW of Mack, Colorado

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

555'

16. NO. OF ACRES IN LEASE

880

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

6700'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7444'

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	Conductor	60'	3 yards
12 1/4"	9 5/8"	36#	300'	200 sacks circ. to surf.
8 3/4"	7"	20#	3100'	200 sacks
6 1/4"	4 1/2"	11.6#	6700'	200 sacks

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 10-8-81

BY: M. J. Winkler

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

R. Bruce Wright for R. E. Dashner

TITLE

District Drilling Engineer

DATE

8/25/81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

X = Section Corners Located

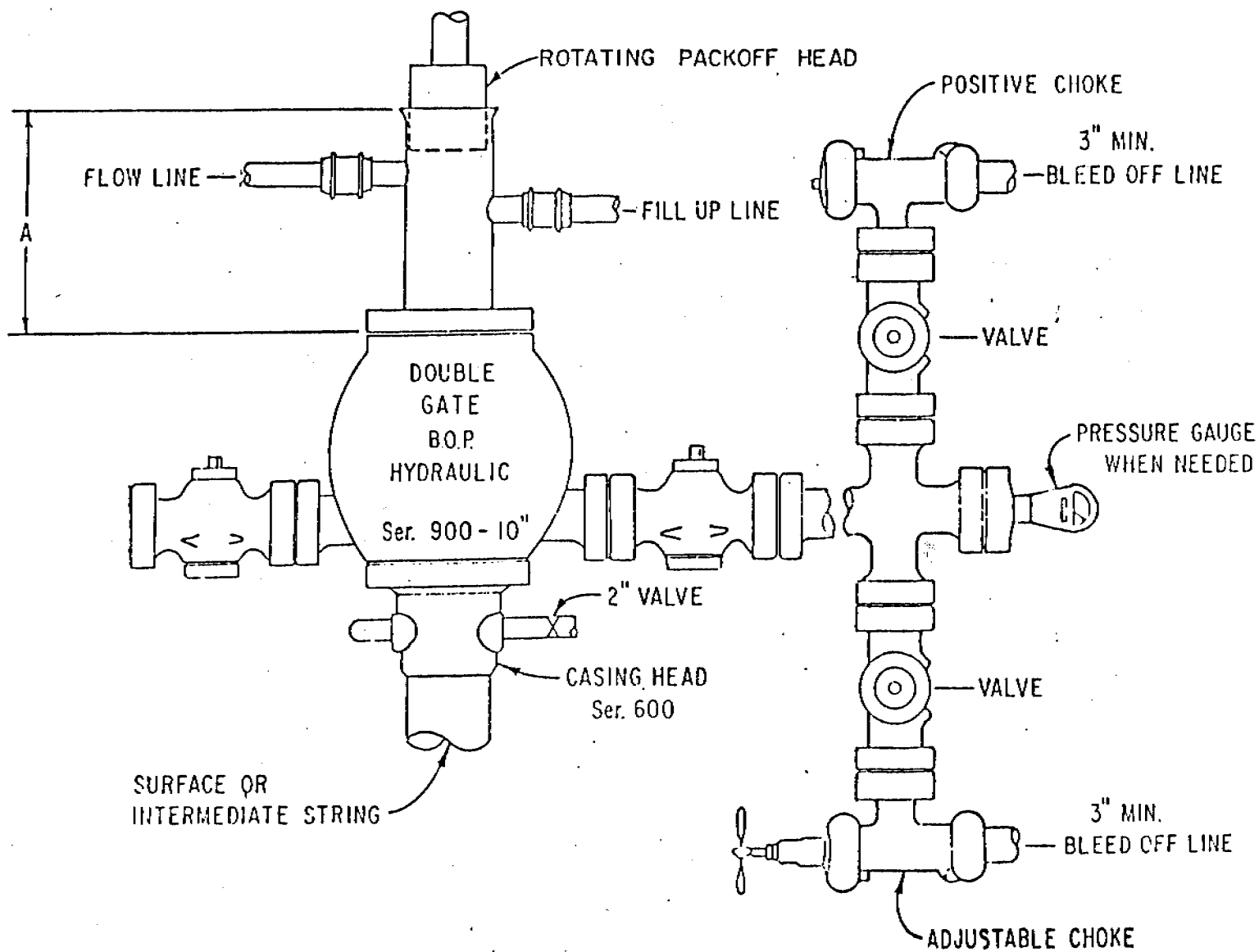


EXHIBIT I
 BLOWOUT PREVENTER DIAGRAM

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR
TXO Production Corp
3. ADDRESS OF OPERATOR
1800 Lincoln Center Building, Denver, CO 80264
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) 1045' FNL, 555' FWL
AT SURFACE: Sec. 29-T16S-R25E
AT TOP PROD. INTERVAL: same
AT TOTAL DEPTH: same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

- | REQUEST FOR APPROVAL TO: | SUBSEQUENT REPORT OF: |
|---|--------------------------|
| TEST WATER SHUT-OFF <input type="checkbox"/> | <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | <input type="checkbox"/> |
| MULTIPLE COMPLETE <input type="checkbox"/> | <input type="checkbox"/> |
| CHANGE ZONES <input type="checkbox"/> | <input type="checkbox"/> |
| ABANDON* <input type="checkbox"/> | <input type="checkbox"/> |
| (other) Operator Name Change | |

5. LEASE
U 34033, U 31807, U 34373
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Lauck Federal
9. WELL NO.
#1
10. FIELD OR WILDCAT NAME
San Arroyo
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 29-T16S-R25E
12. COUNTY OR PARISH
Grand
13. STATE
Utah
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
7444'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective September 1, 1981, the exploration and production activities of Texas Oil & Gas Corp. have been reorganized into a new corporate branch, TXO Production Corp. As a consequence, the operator name for this well is changed to "TXO Production Corp.", as indicated above in Item 2.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Charles K. Curlee TITLE Environmental Adm. DATE 9/14/81
Charles K. Curlee

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

** FILE NOTATIONS **

DATE: Sept. 29, 1981
OPERATOR: FXO Production Corp.
WELL NO: Lauke Fed. #2
Location: Sec. 29 T. 16S R. 25E County: Grand

File Prepared: ☒ Entered on N.I.D: ☒
Card Indexed: ☒ Completion Sheet: ☒

API Number 43-019-30859

CHECKED BY:

Petroleum Engineer: M. J. Minder 10/8/81
Per Call P. Murphy 10-5-81 will send justification for exception
location & designated well for 11/3 by 29
Director: _____

Administrative Aide: As Per Rule C-3(c), needs topo. or to
move location, too close to proposed gas well #20, Fed.
D-20, 1635 F.M. & 625 F.M.

APPROVAL LETTER:

Bond Required: ☐ Survey Plat Required: ☐
Order No. 149-36 5/28/80 O.K. Rule C-3 ☐
Rule C-3(c), Topographic Exception - company owns or controls acreage
within a 660' radius of proposed site ☐
Lease Designation Fed Plotted on Map ☐
Approval Letter Written ☐
Hot Line ☐ P.I. ☐

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

October 6, 1981

RECEIVED
OCT 06 1981

DIVISION
OIL, GAS & MINING

Mike Minder
Utah Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Lauck Federal #1
1045' FNL, 555' FWL
Section 29-T16S-R25E
Grand County, Utah

Dear Mike:

TXO Production Corp. requests an administrative spacing exception for the above-mentioned well. Due to topography TXO was unable to locate this well site more than 555' from the west drilling unit boundary. The drilling unit for this well consists of the north half of Section 29-T26S-R25E. (See attached map)

If you have any questions, please contact me at this office.

Very truly yours,

TXO PRODUCTION CORP.



Paul Urban
Environmental Scientist

PU/JY

Enclosures/as stated

Existing Well

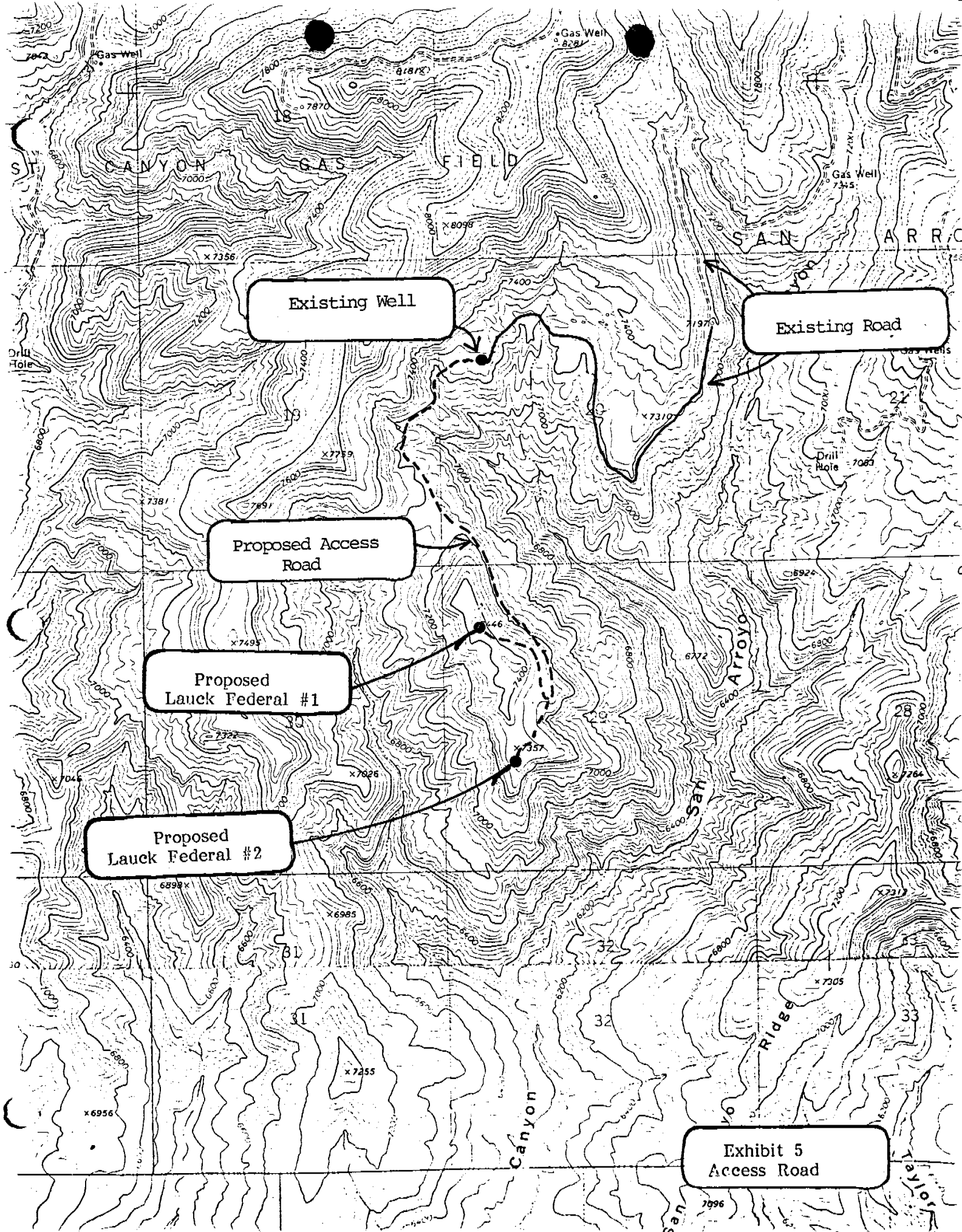
Existing Road

Proposed Access
Road

Proposed
Lauck Federal #1

Proposed
Lauck Federal #2

Exhibit 5
Access Road



October 13, 1981

TXO Production Corp.
1800 Lincoln Center Bldg.
Denver, Colo. 80264

RE: Well No. Lauck Federal #1,
Sec. 29, T. 16S, R. 25E,
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 149-3B, dated May 28, 1980. This will be the location for the North half of section 29.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30859.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

MTM/db
CC: USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U - 34373

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☒

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TXO Production Corp.

3. ADDRESS OF OPERATOR

1800 Lincoln Center Building, Denver, Colorado 80264

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At surface

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RECEIVED

JAN 29 1982

DIVISION OF
OIL, GAS & MINING

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24.

SIGNED

R. Buckel Wright for R.E. Dashner
Ronald E. Dashner

TITLE

District Drilling Engineer

DATE

8/25/E1

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

W. M. Martin

for

E. W. Guynn

District Oil & Gas Supervisor

DATE

JAN 28 1982

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

State of CO

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

Identification No. 592-81

United States Department of the Interior
Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator TXO PRODUCTION CORPORATION
Project Type GAS WELL
Project Location 1045' FNL, 555' FWL SEC 29, T16S, R25E
Well No. 1 Lease No. U-34373
Date Project Submitted 8-27-81

FIELD INSPECTION

Date 9-16-81

Field Inspection
Participants

<u>GEORGE DIWACHAK</u>	<u>USGS</u>
<u>JEFF ROBBINS, KEVIN CLEARY</u>	<u>BLM</u>
<u>PAUL URBAN</u>	<u>TXO</u>
<u>FOREST BIRD</u>	<u>GALLEY CONST.</u>

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

12/17/81

Date Prepared

George J. Diwachak
Environmental Scientist

I concur

DEC 17 1981

Date

W. J. Martin FOR E. W. GUINN
District Supervisor DISTRICT OIL & GAS SUPERVISOR

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety	1 (12-4-81) ↓				9		6	6 (9-16-81) ↓	4,8
2. Unique charac- teristics	1				9		6	6	4,8
3. Environmentally controversial	1				9		6	6	4
4. Uncertain and unknown risks	1				9		6	6	4,8
5. Establishes precedents					9		6	6	
6. Cumulatively significant					9		6	6	
7. National Register historic places	1 (12-4-81) ↓								
8. Endangered/ threatened species	1								
9. Violate Federal, State, local, tribal law	1				9		6	6 (9-16-81)	4,8

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application for Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. RECOMMENDED STIPULATIONS
9. ENVIRONMENTAL ASSESSMENT No. 200-81 FOR
TEXAS OIL AND GAS CORP. No 1, SEC 9, T16S, R26E

RECOMMENDED STIPULATIONS

1. SEE BLM STIPULATIONS
2. ADEQUATE QUANTITIES OF CEMENT MUST BE USED WITH INTERMEDIATE CASING STRINGS TO INSURE ISOLATION OF USEABLE WATER IN THE MESAVERDE FORMATION.



United States Department of the Interior

IN REPLY REFER TO

3109
(U-068)

BUREAU OF LAND MANAGEMENT

Moab District
Grand Resource Area
P.O. Box M
Moab, Utah 84532

Memorandum

DEC 04 1981

To: District Engineer,
USGS Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

From: Area Manager, Grand

Subject: Permit to Drill
Lauck Federal #1
Sec. 29, T. 16 S., R. 25 E.
Grand County, Utah

On September 16, 1981 a representative from this office met with George Diwachak, USGS, and Paul Urban, agent of the TXO Production Corporation for an inspection of the above referenced location. Subject to the attached conditions and written approval from USGS, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

Please forward the enclosed information to TXO Production Corporation.

Enclosures: (4)
1-Reclamation Procedures
2-Seed Mixture
3-Suggested Colors - Production Facilities
4-Road Design-Class III

ADDITIONS TO THE MULTIPOINT
SURFACE USE PLAN
AND
RECLAMATION PROCEDURES

CONSTRUCTION:

1. The operator or his contractor will contact the Grand Resource Area Office in Moab, Utah phone (801 259-6111) 48 hours prior to beginning any work on public land.
2. The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.
3. Use of water from sources such as wells, springs, streams or stock ponds for activities associated with this well will be approved, prior to use, by the agency or individual holding the water right.
4. If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the Grand Resource Area Office will be contacted. All employees working in the area will be informed by the operator that they will be subject to prosecution if they are caught disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs.
5. Improvement to the existing road will not be necessary. The total disturbed width allowed will be as is. The allowable travel surface will be as is. This portion of the road will be maintained to class II standards (referring BLM East Bookcliff Transportation Plan).

New road construction will be limited to an allowable travel surface width of 18 feet. For construction design and survey refer to class III road standards attachment.

Trees will be saved along the uphill side. On slopes greater than 45% the trees can be pushed onto or into the side case.

Topsoil will be saved along the route between the trees and the road on slopes less than 45%.

Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

Surfacing material will not be placed on the access road or location without prior BLM approval.

6. Location: The width of the reserve pit will be reduced 25 feet. Otherwise the location is acceptable as staked trees will be topped and bucked and the piles kept separate from each other.
7. The top 6/inches of soil material will be removed from the location and stockpiled separate from the trees on the south and north side of the location between stakes 4 and 3, and 6 and 7 (refer exhibit NHL-6).
8. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying. The fence will be 4 strand barbed wire.

Production

1. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed in the methods described in the rehabilitation section. Any remaining stockpile of topsoil will be seeded in place using the prescribed seed mixture.
2. All above ground production facilities will be painted using the attached suggested colors.
3. The access will be to the design of a class III road.
4. When reclaiming the fill portion of the pad, the dirt will be pushed to best facilitate reclaiming the unused production portions. That dirt which remains will be kept to a maximum of 3:1 slope so to stabilize the slopes and enhance the revegetation success.

Rehabilitation

1. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be disposed of in the trash pit/cage. Non-burnable debris will be hauled to a local town dump site.
2. The operator or his contractor will contact the Grand Resource Area BLM office in Moab, Utah, phone 801-259-6111, 48 hours prior to starting rehabilitation work that involves earthmoving equipment and upon completion of restoration measures.
3. Before any dirt work to restore the location takes place, the reserve pit must be completely dry and any trash (barrels, metal etc.) it contains must be removed from public lands.
4. All disturbed areas will be recontoured to blend as nearly as possible with the surrounding area.
5. The stockpiled topsoil will be evenly distributed over the disturbed area.
6. All disturbed areas will be scarified with the contour to a depth of 12 to 18 inches. Do not smooth pads out, leave a roughened surface.
7. Seed will be (broadcast/drilled) at a time to be specified by the BLM with the following seed prescription. When broadcast seeding, a harrow or some such implement will be dragged over the seeded area to assure seed cover.
8. After seeding is complete the stockpiled trees will be scattered evenly over the disturbed areas and walked down with a dozer. The access will be blocked to prevent any use/vehicle use.
9. Waterbars will be used on all sloping surfaces as shown below:

Grade

2%
2-4%
4-5%
+5%

Spacing

200 feet spacing
100 feet spacing
75 feet spacing
50 feet spacing



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

Cisco Desert and Flats below the Bookcliffs:

Dynasty Green	(Sears)
Tumbleweed	(Prait & Lambert)
Desert Tan	-----
Sage Gray	(Prait & Lambert)

Bookcliffs Region:

Sage Gray	(Prait & Lambert)
Sea Life	(Prait & Lambert)
Dynasty Green	(Sears)

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

SEED MIXTURE

List #2

Bookcliff

Species

Grasses

Agropyron inerme

Festuca thurberi

Oryzopsis hymenoides

Poa fendleriana

Beardless bluebunch

Thurber fescue

Indian ricegrass

Muttongrass

Forbs

Hedysarum boreale var utahensis

Medicago sativa

Penstemon palmeri

Utah northern sweetvetch

Alfalfa

Palmer penstemon
(Pind wildsnaparagon)

Shrubs

Cercocarpus montanus

Purshia tridentata

Birchleaf mountain mahogany
(True mahogany)

Antelope bitterbrush



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

May 6, 1982

TXO PRODUCTION COMPANY
1800 Lincoln Center Bldg.
Denver, Colorado 80264

Re: See attached

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Carl Furse

Carl Furse
Clerk Typist

Well No. Lauck Federal #1
Sec. 29, T. 16S, R. 25E.
Grand County, Utah

Well No. Lauck Federal #2
Sec. 29, T. 16S, R. 25E.
Grand County, Utah

Well No. Hancock Federal #1-X
Sec. 5, T. 17S, R. 25E.
Grand County, Utah

Well No. Winter Ridge Federal #1
Sec. 33, T. 15S, R. 22E.
Uintah County, Utah

Well No. Duncan Federal #3
Sec. 28, T. 15S, R. 23E.
Uintah County, Utah

Well No. Duncan Federal #4
Sec. 33, T. 15S, R. 23E.
Uintah County, Utah



TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

May 17, 1982

Utah Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Attention: Cari Furse

Re: Various Wells
Grand & Uintah Counties, Utah

Dear Sir/Madam:

TXO Production Corp. has received your May 6, 1982 letter inquiries concerning the status of various wells locations in Grand and Uintah Counties, Utah. The current status and comments for each well are given below:

Arco Federal "B" #2
Section 6, T16S-R25E
Grand County, Utah

LA

Well deferred; cancel permit

Asphalt Creek Federal #2
Section 10-T12S-R24E
Uintah County, Utah

Well to be drilled in late 1982 or early 1983; reserve permit

Baumgartner Federal #1
Section 25-T16S-R24E
Grand County, Utah

Well to be drilled in fall 1982; reserve permit

Duncan Federal #3
Section 28-T15S-R23E
Uintah County, Utah

LA

Well to be moved; cancel permit; will submit new APD for new location

Duncan Federal #4
Section 33-T15S-R23E
Uintah County, Utah

LA

Well to be moved; cancel permit; will submit new APD for new location

Grynberg Federal #1
Section 28-T16S-R25E
Grand County, Utah

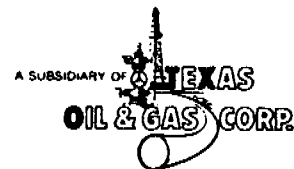
Well to be drilled in fall 1982 or spring 1983; reserve permit

Hancock Federal #1-X
Section 5-T17S-R25E
Grand County, Utah

Well drilled April-May 1981; Form OGC-8-X submitted May 26, 1981; Completion Report will be submitted under separate cover.

RECEIVED
MAY 19 1982

DIVISION OF
OIL, GAS & MINING



Page Two
May 17, 1982

Hougen Federal "A" #1
Section 14-T17S-R24E
Grand County, Utah

Well to be drilled late 1982 or early 1983;
reserve permit

Lauck Federal #1
Section 29-T16S-R25E
Grand County, Utah

Well to be moved; cancel permit; will
submit new APD for new location

Lauck Federal #2
Section 29-T16S-R25E
Grand County, Utah

Well may be moved; reserve permit for
current location

Moxa Federal "A" #1
Section 4-T16S-R26E
Grand County, Utah

Well drilled May-June 1981; water sands
and Completion Report will be submitted
under separate cover

Wall Federal #1
Section 30-T16S-R25E
Grand County, Utah

Well to be drilled late 1982 or early 1983;
reserve permit

Winter Ridge Federal #1
Section 33-T15S-R22E
Uintah County, Utah

Well will not be drilled; cancel permit

The drilling schedule for wells that will be drilled is tentative and subject to change. Nonetheless, the permits should be retained as valid. Completion and water sands reports for wells drilled in 1981 are forthcoming. I trust that our drilling and reporting delays have not inconvenienced your office.

Very truly yours,

TXO PRODUCTION CORP.



Charles K. Curlee
Environmental Administrator

CKC/BS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U 34033	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME -	
2. NAME OF OPERATOR TXO Production Corp.			7. UNIT AGREEMENT NAME -	
3. ADDRESS OF OPERATOR 1800 Lincoln Center Building, Denver, CO 80264			8. FARM OR LEASE NAME Lauck Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1704' FNL 2570' FEL Section 29-T16S-R25E At proposed prod. zone			9. WELL NO. #1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 31 miles NW of Mack, Colorado			10. FIELD AND POOL, OR WILDCAT San Arroyo	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1308'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 29-T16S-R25E	
16. NO. OF ACRES IN LEASE 880			12. COUNTY OR PARISH Grand	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320			13. STATE Utah	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. - - -			20. ROTARY OR CABLE TOOLS Rotary	
19. PROPOSED DEPTH 6000'			22. APPROX. DATE WORK WILL START* October 1, 1982	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6941' GR				

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	16"	Conductor	40'	2 yards
12 1/4"	9 5/8"	36#	300'	200 sacks
8 3/4"	7"	20#	2700'	200 sacks
6 1/4"	4 1/2"	11.6#	6000'	200 sacks

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Ronald E. Dashner TITLE District Drilling Engineer DATE July 20, 1982
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
FOR E. W. GUYNN
APPROVED BY [Signature] TITLE DISTRICT OIL & GAS SUPERVISOR DATE SEP 30 1982
CONDITIONS OF APPROVAL, IF ANY: _____

NOTICE OF APPROVAL

State O & G

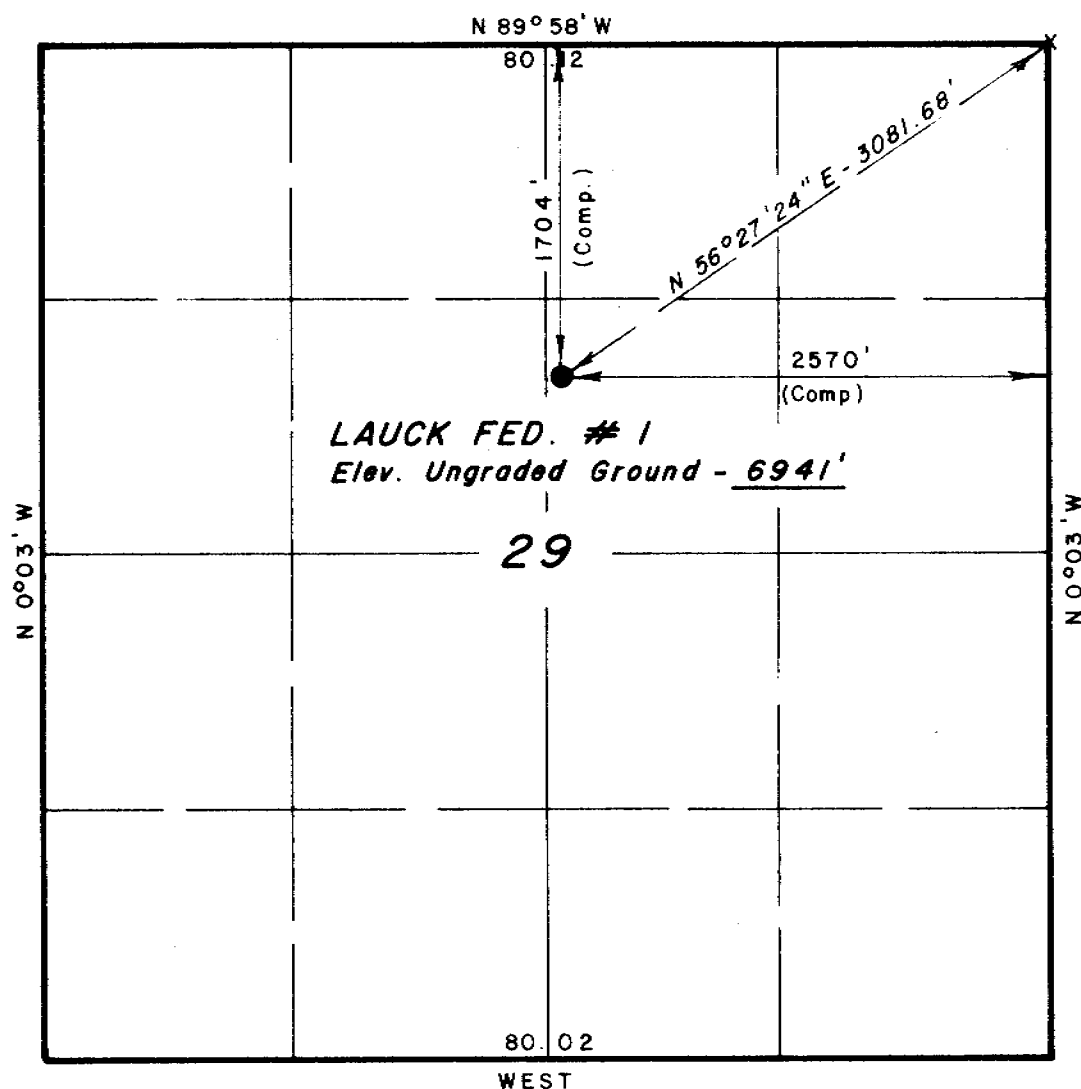
CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPYFLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80MINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED
JUL 26 1982
SALT LAKE CITY, UTAH

T 16 S, R 25 E, S.L.B. & M.

PROJECT
TXO PRODUCTION CORP.

Well location, LAUCK FED. # 1,
located as shown in the SW 1/4 NE 1/4
Section 29, T16S, R25E, S.L.B. & M.
Grand County, Utah.

NOTE: BASIS OF BEARINGS IS FROM
SOLAR OBSERVATIONS OF THE SUN.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF

John E. Smith
REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 6/18/82
PARTY DA, JK, RS, JH	REFERENCES GLO PLAT
WEATHER WARM	FILE TXO

X = Section Corners Located

TXO Production Corporation
Well No. Lauck Federal #1
Section 29, T16S, R25E
Grand County, Utah
Lease No. U-34033

Supplemental Stipulations:

1. The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.
2. Use of water from sources such as wells, springs, streams or stock ponds for activities associated with this well will be approved, prior to use, by the agency or individual holding the water right.
3. If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the Grand Resource Area Office will be contacted. Salvage or excavation of identified archaeological sites will on be done if damage occurs.
4. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
5. Improvement to the existing road will be necessary. The stipulations attached to the right-of-way U-48042 will apply and part 1 E of your Multipoint Surface Use and Operations Plan.
6. New road construction will be limited to a total disturbed width of 18 feet. For construction design and survey refer to a class III road standards attachment.
7. Topsoil will be saved along the route and windrowed between the trees and the road along the up-hill side.
8. Surfacing material will not be placed on the access road or location without prior BLM approval.
9. The top nine inches of soil material will be removed from the location and stockpiled separate from the trees on the southeast corner of the location.
10. Trees and vegetation will be windrowed, (separate from the topsoil), along the up-hill side. All merchantable timber on the access road (minimum 10" DBH, diameter breast height) and containing at least one 16' log must be felled, limbed, and bucked to log length. Log lengths would be 8'6", 12'6", 16'6" etc., this allows for trim allowance. The merchantable timber must be yarded along the roadside in such a manner so as to be easily loaded and hauled off the site.

When the merchantable timber is yarded along the road side the authorized officer of the BLM will return to the right-of-way site and scale the timber to determine the merchantable volume. At this time TXO will have the option of purchasing the timber at a price set by the authorized officer. If TXO buys the timber they will have three months from the date of appraisal to haul away the timber. If TXO does not buy the timber it will become the property of the BLM and they will utilize it however they like.

11. The blooie pit will be in the southeast corner. An area 1 to 1.5 cat blades wide will be cleared to mineral soils to the south and east side of the pit. Trees removed from the pad will be stacked in the southeast corner, and kept separate from the topsoils.

12. The reserve pit will not be lined. The pit banks will be 1.5 to 2.0 feet above pad and constructed in 8" lifts, machinery compacted, and sufficiently wide for equipment to pass over. Three sides of the reserve pit will be fenced before drilling starts and the forth side prior to rig removal. The fence will be 4 strand barbed wire. The bottom strand will be 6 inches above the ground. The 2nd strand will be 6 inches above the 1st. Strand 3 will be one foot above the 2nd wire, and strand 4 one foot above the 3rd wire.

13. During construction of the pad, a buffer zone of trees will be left on the south, east and north sides.

14. Flowlines will go east to a main transmission line southeast of the location.

15. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed in the methods described in the rehabilitation section. All of the stockpiled topsoil will be used in reclaiming the unused areas.

16. All above-ground production facilities will be painted using the attached suggested colors.

17. The access road will be to the design of a class III road.

18. Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the Mesaverde. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the coal resource. Surface casing program may require adjustment for protection of fresh water aquifers.

19. No new construction activities (roads and/or pad building) will be allowed from November 1 through March 31 to protect wintering wildlife and watershed values unless approved by the authorized office.

REHABILITATION

1. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be disposed of in the trash cage. Non-burnable debris will be hauled to a local town dump site.
2. The operator or his contractor will contact the Grand Resource Area BLM office in Moab, Utah, phone (801) 259-6111, 48 hours prior to starting rehabilitation work that involves earthmoving equipment and upon completion of restoration measures.
3. Before any dirt work to restore the location takes place, the reserve pit must be completely dry and any trash (barrels, metal etc.) it contains must be removed from public lands.
4. All disturbed areas will be recontoured to blend as nearly as possible with the surrounding area.
5. The stockpiled topsoil will be evenly distributed over the disturbed area.
6. All disturbed areas will be scarified with the contour to a depth of 6 inches. Do not smooth pads out, leave a roughened surface.
7. Seed will be (broadcast/drilled) at a time to be specified by the BLM with the following seed prescription. When broadcast seeding, a harrow or some such implement will be dragged over the seeded area to assure seed cover.
8. After seeding is complete the stockpiled trees will be scattered evenly over the disturbed areas and walked down with a dozer. The access will be blocked to prevent any vehicle use from the location northwest to approximately the center SW/SW section 20, T. 16 S., R. 25 E., SLB&M. This is in accordance with the Bookcliff Transportation Plan.
9. Waterbars will be used on all sloping surfaces as needed as shown below:

<u>Grade</u>	<u>Spacing</u>
2%	200 ft. spacing
2-4%	100 ft. spacing
4-5%	75 ft. spacing
+5%	50 ft. spacing

SEED MIXTURE

<u>Species</u>		<u>Rate</u> <u>lbs/acre</u>
<u>Grasses</u>		
Oryzopsis hymenoides	Indian rice grass	2
Elymus canadensis	Canadian wildrye	2
Stipa columbania	Columbia needlegrass	2
Bromus carinatus	Mountain brome	2
<u>Forbs</u>		
Medicago sativa	Alfalfa	.5
Hedysarum boreale var Utaheusis	Utah northern sweetvetch	.5
<u>Shrubs</u>		
Cercocarpus Mountanus	Mtn. Mahogany	1
Purshia Tridentata	Antelope bitterbrush	<u>1</u>
TOTAL		11

Broadcast seed will be applied at double the above rate.

Seeding will be done in the fall of the year (Oct - Dec).



United States Department of the Interior

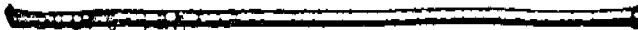
BUREAU OF LAND MANAGEMENT

SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

1

Cisco Desert and Flats below the Bookcliffs:

Dynasty Green	(Sears)
Tumbleweed	(Pratt & Lambert)

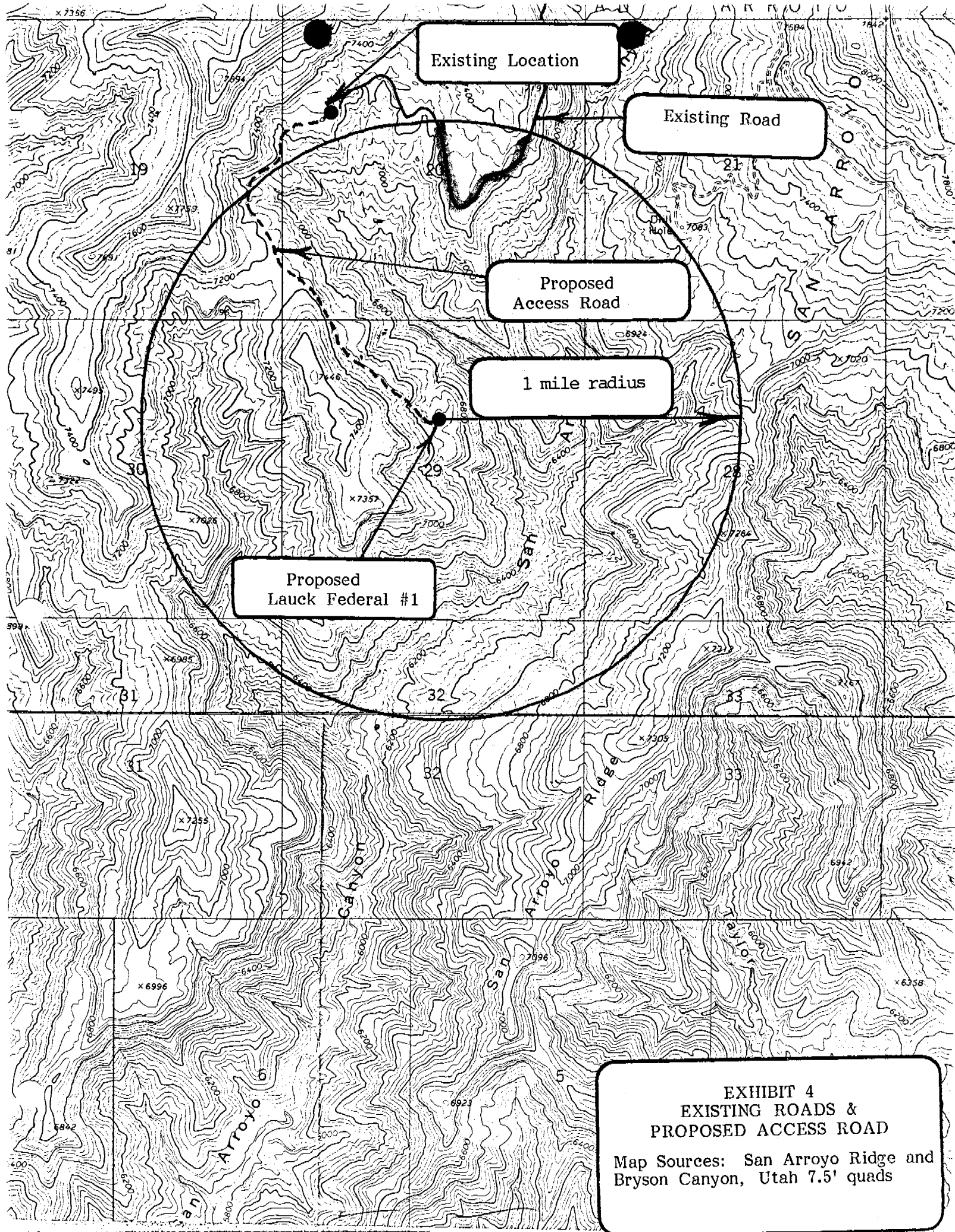


Sage Gray	(Pratt & Lambert)
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Bookcliffs Region:

Sage Gray	(Pratt & Lambert)
Sea Life	(Pratt & Lambert)
Dynasty Green	(Sears)

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.



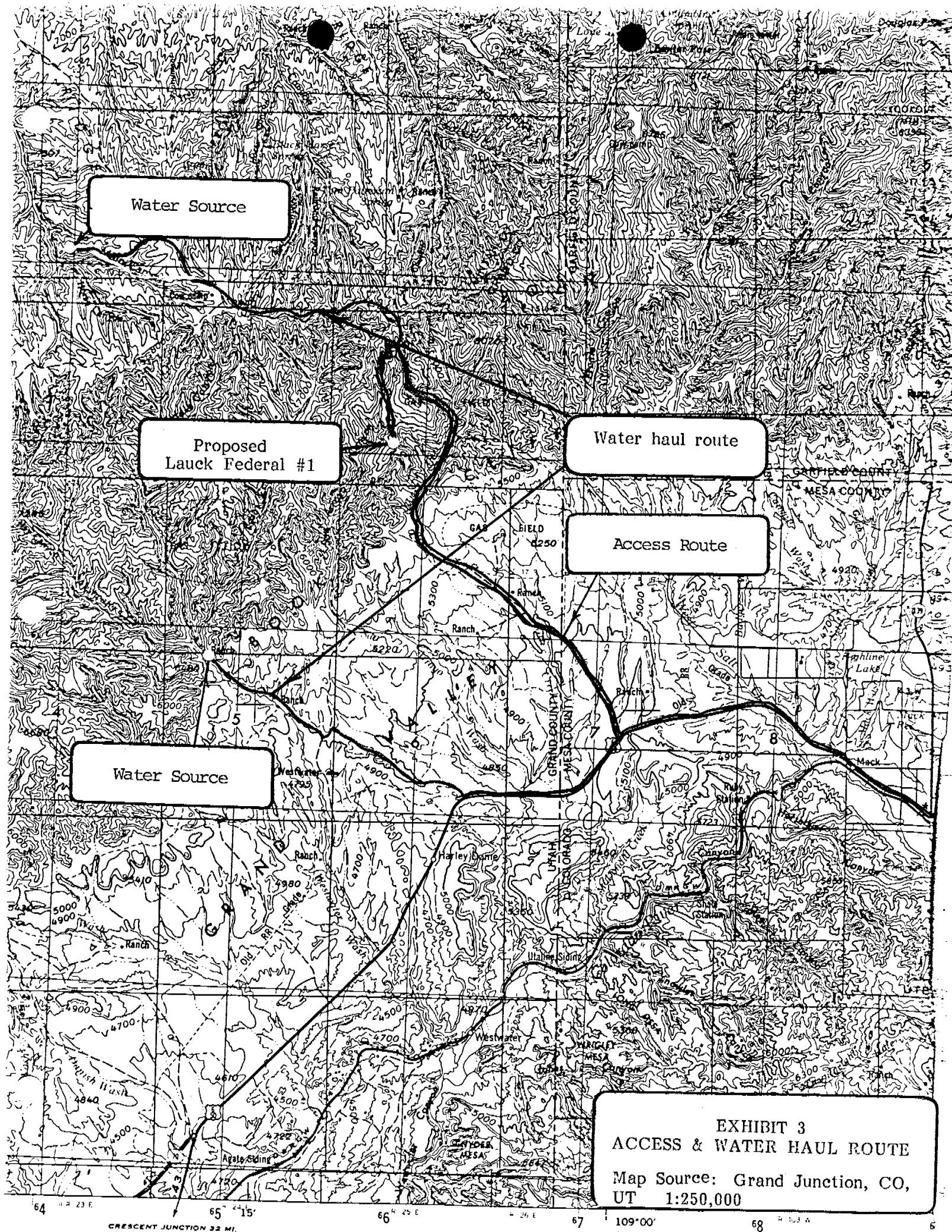


EXHIBIT 3
ACCESS & WATER HAUL ROUTE

Map Source: Grand Junction, CO,
UT 1:250,000



TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING

DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

July 22, 1982

Mr. Cleon Feight
Utah Division of Oil, Gas & Mining
Department of Natural Resources
4241 State Office Building
Salt Lake City, Utah 84114

Re: Lauck Federal #1
Section 29-T16S-R25E
Grand County, Utah

Dear Mr. Feight:

Please find enclosed one copy of the APD/MSUOP for the above-referenced well. We previously went through the permitting process for this well prospect in a different location, however, due to geologic considerations we have relocated this well site.

TXO Production Corp. requests an administrative spacing exception for the proposed Lauck Federal #1 well, located 1704' FNL, 2570' FEL, Section 29-T16S-R25E, Grand County, Utah. This location is being proposed in the northeast quarter because we feel it is the best geologic location. The topographic constraints in the northeast quarter dictated it being placed only 936 feet from the south drilling unit boundary (see Exhibit 4 of the APD/MSUOP).

If you have any questions regarding this, please contact me at this office.

Very truly yours,

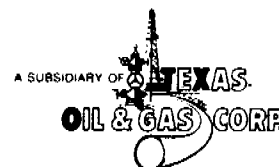
TXO PRODUCTION CORP.

Paul Urban
Environmental Scientist

PU/BS
Enclosures/as stated

RECEIVED
JUL 27 1982

DIVISION OF
OIL, GAS & MINING



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

TXO Production Corp.

3. ADDRESS OF OPERATOR

1800 Lincoln Center Building, Denver, CO 80264

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1704' FNL 2570' FEL Section 29-T165-R25E

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 31 miles NW of Mack, Colorado

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1308'

16. NO. OF ACRES IN LEASE

880

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

6000'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6941' GR

22. APPROX. DATE WORK WILL START*

October 1, 1982

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	16"	Conductor	40'	2 yards
12 1/4"	9 5/8"	36#	300'	200 sacks
8 3/4"	7"	20#	2700'	200 sacks
6 1/4"	4 1/2"	11.6#	6000'	200 sacks

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS AND MININGDATE: 7/28/82BY: Ronald E. DashnerRECEIVED
JUL 27 1982DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Ronald E. Dashner
Ronald E. DashnerTITLE District Drilling EngineerDATE July 20, 1982

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

9-331 C ADDENDUM
Lauck Federal #1
Section 29-T16S-R25E
Grand County, Utah

1. SURFACE FORMATION: Mesa Verde

2. ESTIMATED FORMATION TOPS:

Buck Tongue	2000'
Castlegate	2280'
Mancos	2500'
Dakota	5590'
Morrison	5810'
Total Depth	6000'

3. ESTIMATED DEPTH AT WHICH OIL, GAS, WATER OR OTHER MINERAL BEARING ZONES ARE EXPECTED TO BE ENCOUNTERED:

Expected Gas Zones:	Dakota	5590'
	Morrison	5810'

Water may be encountered in the Mesaverde and Castlegate Formations.

4. CASING PROGRAM AS PER FORM 9-331 C.

5. PRESSURE CONTROL EQUIPMENT:

- A. After surface casing is set, a double ram-type blowout preventer with blind rams and pipe rams, with minimum working pressure of 2000 psi (greater than the anticipated bottomhole pressure of 1100 psi), will be installed. See Exhibit 1.
- B. A choke control, fill and kill lines with minimum working pressure of 2000 psi will be installed.
- C. A rotating pack-off head will be installed above the blowout preventer to control flow while drilling with air.
- D. The equipment in A and B will be pressure-tested to 2000 psi before drilling surface pipe cement, and the blowout preventer will be tested for operations daily and during trips.

6. MUD PROGRAM:

0'-300'	Air or air mist. If necessary, will use spud mud at 8.8-9.2#/gal., vis. 28-32 sec. API.
300'-TD	Air or air mist. If necessary, will use aerated mud at 8.4-8.6 wt., vis. 35-45 sec. API.

7. AUXILIARY EQUIPMENT:

- A. A kelly cock will be used.
- B. A float valve will be run in the drill string above the bit.
- C. A sub with full opening valve will be kept on the derrick floor to stab into DP when kelly is not in use.

8. CORING, LOGGING, TESTING PROGRAM:

- A. No coring is anticipated.
- B. DISFL-GR from surface to TD, SNP-FDC-GR-CAL from TD to intermediate pipe; if logged wet, CNL-FDC-GR-CAL.

9. ABNORMAL CONDITIONS:

- A. No abnormal pressures or temperatures are expected.
- B. No hazardous gases such as H_2S are expected.
- C. While drilling with gas or air, return fluids will be directed through the blow line to the reserve pit. All open fires or ignition sources will be prohibited on location while gas or air drilling. A pilot flame will be maintained at the end of the blow line (located 125' from the wellhead) to insure burning of return gases that are combustible.

10. ANTICIPATED STARTING DATES:

Start location construction	October 1, 1982
Spud date	October 5, 1982
Complete drilling	November 5, 1982
Completed, ready for pipeline	December 1, 1982

11. Productive zones will be perforated, tested and treated as necessary. Gas will be flared during testing. Produced water will be contained in the unlined drilling reserve pit. The extent of treatment of a zone (acidizing and/or fracing) can only be determined after the zone has been tested. A completion program will be furnished after drilling and logging.

TXO PRODUCTION CORP.
MULTIPOINT SURFACE USE AND OPERATIONS PLAN

DATE: July 20, 1982

WELL NAME: Lauck Federal #1

LOCATION: 1704' FNL, 2570' FEL, Section 29-T16S-R25E, Grand County, Utah.

1. EXISTING ROADS

- A. Proposed well site as staked. Refer to Exhibit 2. The well has been staked 1704' FNL and 2570' FEL in Section 29-T16S-R25E.
- B. Route and distance from nearest town or locatable reference point to where well access route leaves main road: From Mack, Colorado, proceed west on State Highway 6 & 50 for 9 miles to Two Road (in Colorado). Turn right and proceed north 4 miles to a fork. Take the left fork and proceed 11.6 miles on the main road to a fork. Turn left and proceed up the San Arroyo Ridge Road 4.8 miles to a fork. Take the left fork and continue for 4.4 miles to the beginning of the proposed access road.
- C. Access route to location color coded in red and labeled. Refer to Exhibit 3.
- D. For development well, all existing roads within one mile color coded in yellow. Refer to Exhibit 4.
- E. Plans for improvement and maintenance of existing roads: The last 4.4 miles of existing access road will require upgrading. During wet periods some maintenance may be necessary to allow passage by drilling rigs and well servicing vehicles. Dry periods may necessitate watering the road to control dust.

2. PLANNED ACCESS ROAD

Show all necessary roads to be constructed or reconstructed: An access road, approximately 1.7 miles long, will be constructed in a north-south direction between the existing road and the west side of the pad. The proposed road will be 18-20 feet wide with a grade of 8% or less, with short sections (300+) of 10%. The road is on a slope of approximately 30%, with several drainages requiring low-water crossings or culverts (selections will be made during the surface inspection with representatives from the BLM and MMS). There will be no cattle guards, gates or cutting of fences. Refer to Exhibit 4.

3. LOCATION OF EXISTING WELLS

Exhibit 5 is a one-mile radius locating and identifying the following:

- A. Water Wells-None
- B. Abandoned Wells-Nat. Gas 1 Fed., Sec. 20-T16S-R25E
- C. Temporarily Abandoned Wells-None
- D. Disposal Wells-None
- E. Drilling Wells-None
- F. Producing Wells-None
- G. Shut-in Wells-None
- H. Injection Wells-None
- I. Monitoring or Observation Wells for Other Reasons-None

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. Exhibit 5 is a one-mile radius locating the following existing facilities owned by the lessee/operator:

- 1. Tank Batteries-None
- 2. Production Facilities-None
- 3. Oil Gathering Lines-None
- 4. Gas Gathering Lines-None
- 5. Injection Lines-None
- 6. Disposal Lines-None

B. If new facilities are contemplated, in the event of production, show:

- 1. Proposed location and attendant lines in relation to the well pad. Refer to Exhibit 6.
- 2. Dimensions of facilities: Refer to Exhibit 6.
- 3. The production facilities will include a production pit, a blowdown pit, production unit, and, if necessary, a dehydrator. The facilities will be located as shown on Exhibit 6. The pit will be located in cut, will contain all water production and be built in accordance with NTL-2B specifications. All connection work will be done by an oil field service company using standard oil field materials.
- 4. Protective devices and measures to protect livestock and wildlife: The water production pit will be fenced with woven wire to protect livestock and wildlife.

5. LOCATION AND TYPE OF WATER SUPPLY

A. Location and type of water supply: Water will be obtained from either of two sources: Westwater Creek or a pond in Section 31-T15S-R23E. The source selected will depend on water availability and road conditions.

- B. Method of transporting water: The water will be hauled in trucks by a certified water hauler, along the route shown in green on Exhibit 3.
- C. If water well is to be drilled, so state: No water well is contemplated.

6. SOURCES OF CONSTRUCTION MATERIALS

- A. Show information either on map or by written description: It is anticipated that cuts on location will furnish sufficient quantities of materials to construct a level location. Topsoil will be stockpiled on the southwest corner of the pad for later use during rehabilitation on the disturbed areas. Additional material, if needed, will be purchased from the dirt contractor.
- B. Identify if from Federal or Indian Land: All affected land is federal and under the management of the Bureau of Land Management.
- C. Describe where materials such as sand, gravel, stone and soil material are to be obtained and used: Materials other than that supplied by cuts on location should not be required to construct the pad and road. Approximately 7,369 cubic yards of material will be derived from cuts on location and approximately 6,901 cubic yards of fill is needed. Refer to Exhibit 7.
- D. Show any needed access roads crossing Federal or Indian Lands: The access road will cross BLM administered lands in Section 19, 20, 29-T16S-R25E. Refer to Exhibit 4.

7. METHODS OF HANDLING WASTE DISPOSAL

- A. Cuttings will be contained and disposed of in the reserve pit.
- B. Drilling fluids will be contained and disposed of in the reserve pit. While drilling with air or gas, a dust arresting system will be installed on the blow line.
- C. Produced fracturing fluids will be directed to the reserve pit for evaporation.
- D. Sewage: A portable chemical toilet will be on location during operations.
- E. Garbage and other trash will be placed in a trash bin and removed to a sanitary landfill upon completion.
- F. Protective Devices: The flare pit (if necessary) will be fenced with woven wire and flagged to protect animals. The drilling reserve pit will be fenced on three sides during drilling, and on the fourth side prior to the rig moving off location.

- G. Statement regarding proper cleanup when rig moves out. When the rig moves out, all trash and refuse will be removed from the location and hauled to a sanitary landfill. All pits will be filled after drying and the area restored as under Item 10 of this plan.

8. ANCILLARY FACILITIES

Identify all proposed camps and airstrips on a map as to their location, area required and construction methods: None planned.

9. WELL SITE LAYOUT ATTACHMENT AND PROPOSED RIG LAYOUT

- A. Cross section of drill pad with cuts and fills: Refer to Exhibit 7.
- B. Location of mud tank, reserve pit, trash bin, pipe racks and other facilities: Refer to Exhibit 7.
- C. Rig orientation, parking area: Refer to Exhibit 7.
- D. Statement regarding pit lining: Reserve pit will be unlined. However, if the sub-surface structure is too porous or is highly fractured, a 1 to 2 inch layer of bentonite will be used as a lining for the pit.

10. PLANS FOR RESTORATION OF SURFACE

- A. Backfilling, levelling, contouring, and waste disposal: Upon completion of the well, the site will be cleared of all debris and the mouse and rat holes filled. The reserve pit will be dried and backfilled. Disturbed areas of the pad not needed for production facilities will be graded to an appearance consistent with the natural contours. These areas will then be covered with topsoil, disked and reseeded with a seed mixture recommended by BLM. If the well is not commercially productive, the entire pad will be reclaimed as described above.

In the event the well is not a producer, that portion of the access road requested by BLM to be rehabilitated will be covered with topsoil, disked and reseeded with a BLM-recommended seed mixture. Shrubby plants removed during road construction will be scattered randomly along the road to provide a natural appearance, control erosion and enhance seed production.

- B. Prior to rig release, pits will be fenced and so maintained until cleanup can be properly done.
- C. If any oil is in the pit, it will be removed or overhead flagging will be installed.
- D. Timetable for commencement and completion of rehabilitation operations: Rehabilitation will commence when drilling operations are completed, approximately December 1, 1982, and will be completed within approximately one year.

11. OTHER INFORMATION

General description of:

- A. Topography, soil characteristics, geologic features, flora, fauna: The location is on relatively flat ground. The soil in the area consists of a silty loam. Vegetation accounts for approximately 60 percent of the ground cover and is comprised of pinion pine, sagebrush, juniper, oak brush, herbs and native grasses. Animals include deer, small mammals, and birds.
- B. Other surface-use activities and surface ownership of all involved lands: The affected land is federally owned. The primary surface uses are for oil and gas production and ranching.
- C. Proximity of water, occupied dwellings, archeological, historical or cultural sites: There are no live streams in the immediate area. An ephemeral stream flows through East Canyon. An archeological survey will be performed and results forwarded to the necessary BLM office.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVES

Include the name, address and phone number of the lessee's or operator's field representative who is responsible for assuring compliance with the approved surface use and operations plan.

Ronald E. Dashner
District Drilling Engineer
TXO Production Corp.
1800 Lincoln Center Building
1600 Lincoln Street
Denver, Colorado 80264
(303) 861-4246 - Business
(303) 690-5650 - Residence

Comments regarding the content of this plan or arrangements for an on-site inspection should be directed to:

Paul Urban
Environmental Scientist
TXO Production Corp.
1800 Lincoln Center Building
1660 Lincoln Street
Denver, Colorado 80264
(303) 861-4246
(303) 429-2908 - Residence

13. CERTIFICATES

The following statement is to be included in the plan and must be signed by the lessee's or operator's field representative who is identified in Item No. 12 of the plan.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access roads; that I am familiar with the conditions which presently exist; and that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by TXO Production Corp. and its contractors, subcontractors in conformity with this plan and the terms and conditions under which it is approved.

DATE: July 20, 1982

Ronald E. Dashner
Ronald E. Dashner
District Drilling Engineer

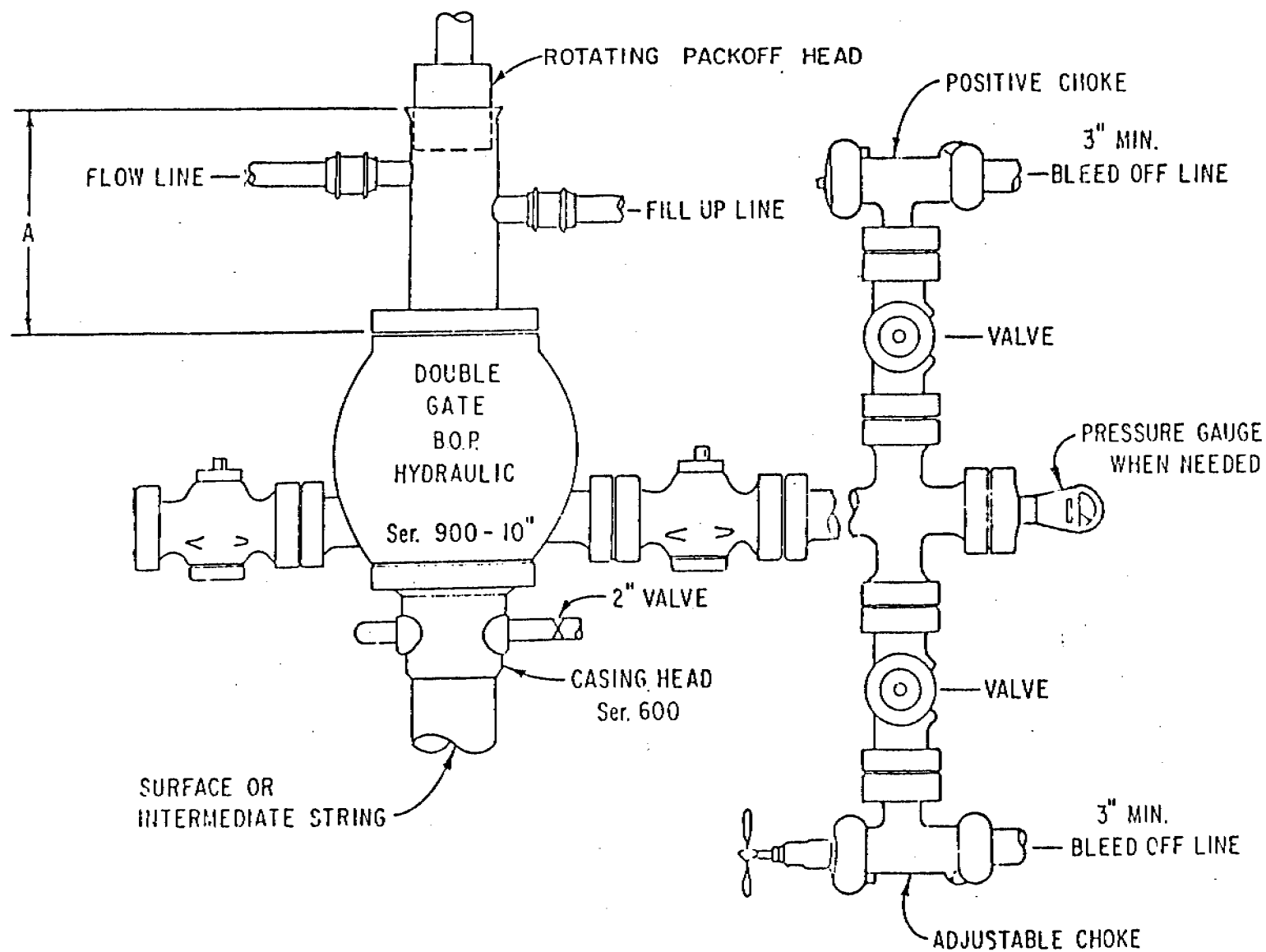
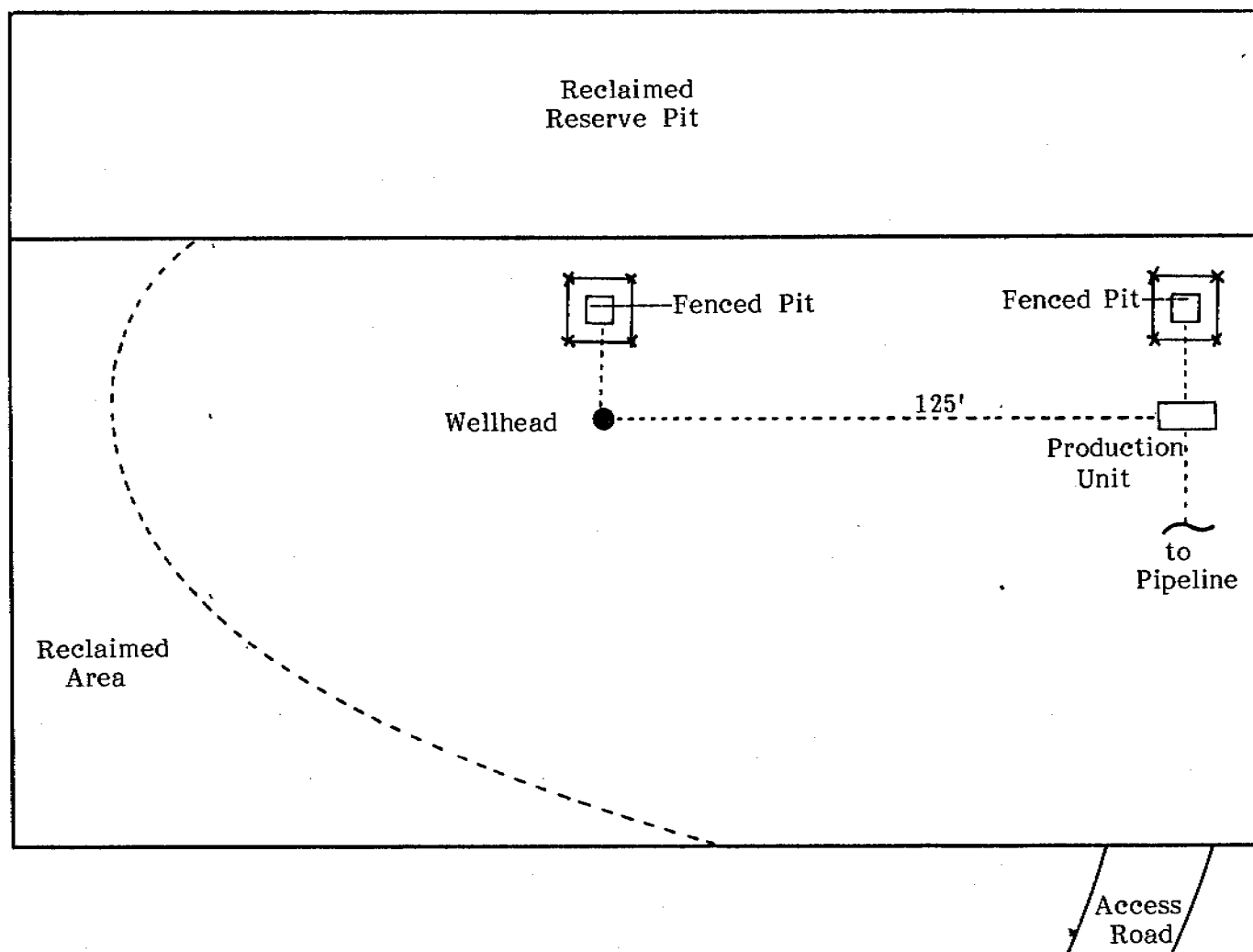


EXHIBIT 1
BLOWOUT PREVENTER DIAGRAM



EXHIBIT 6
PRODUCTION FACILITIES

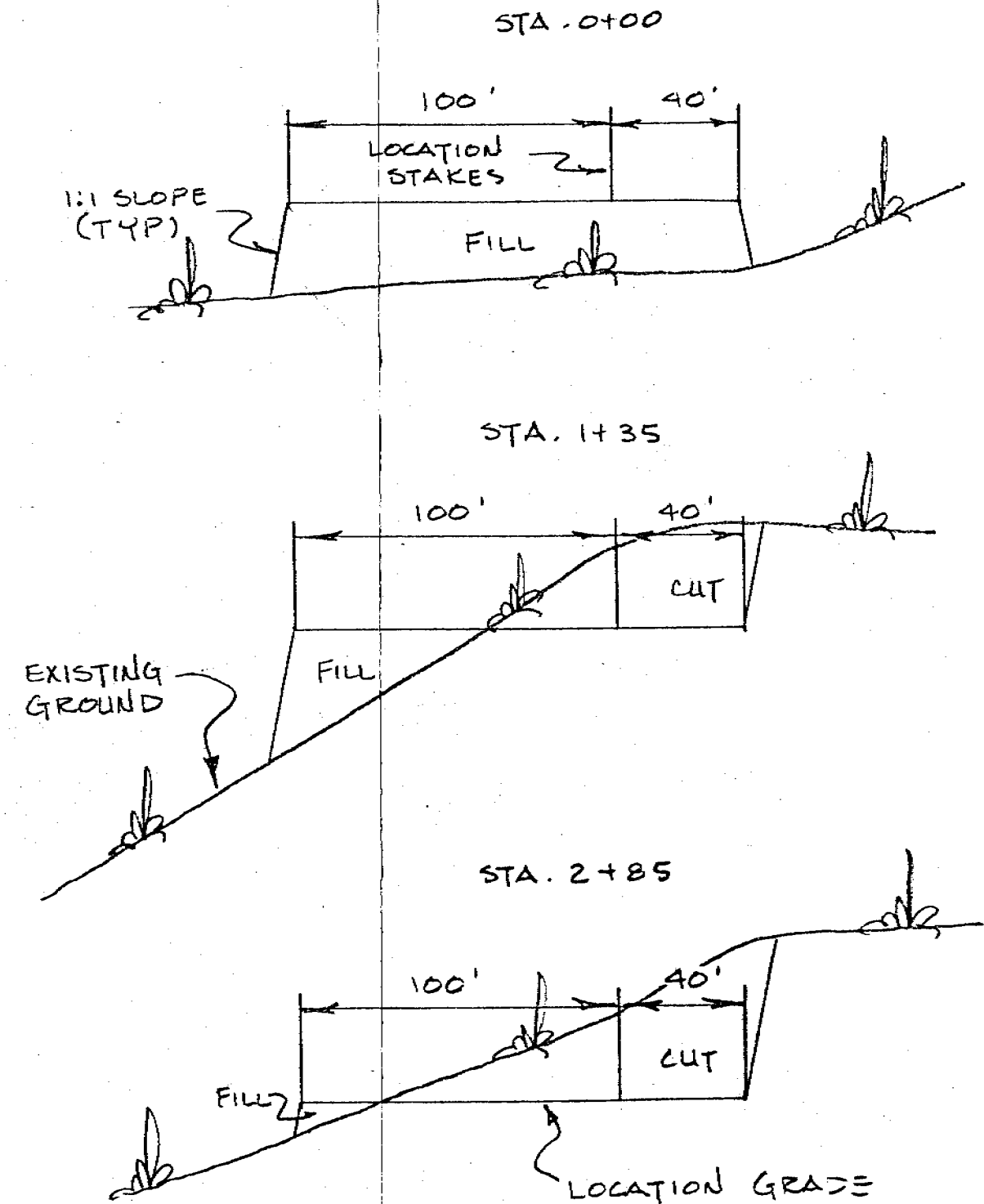
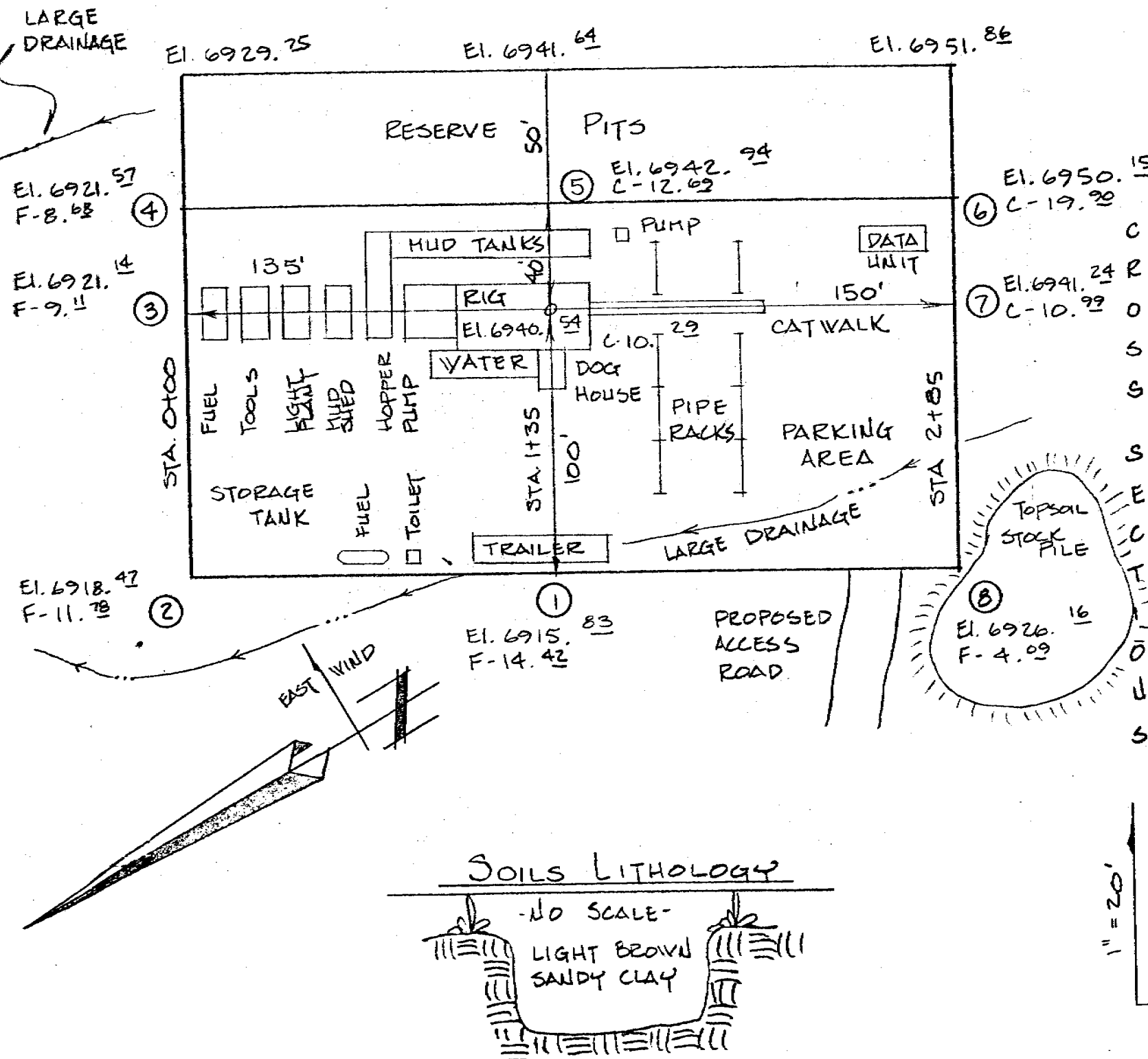
Scale 1"=40'



- 1) Pit will be 10' x 10' x 6' deep, and will be surrounded by a fence.
- 2) Sacrificial magnesium anodes will be used, if necessary, to control corrosion.
- 3) All pipelines will be coated and wrapped, then buried.
- 4) A surface mounted high/low safety shut-down system will be installed.
- 5) Separator will be an ASME coded vessel.

TXO PRODUCTION CORP.

LAUCK FEDERAL #1



SCALES
1" = 20'
1" = 50'

APPROXIMATE YARDAGES

CU. YDS. CUT- 7369
CU. YDS. FILL- 6901

**** FILE NOTATIONS ****

DATE: July 27, 1982
OPERATOR: TXO Production Corp.
WELL NO: Lauck Federal #1
Location: Sec. 29 T. 16S R. 25E County: Grand

File Prepared: ☒ Entered on N.I.D: ☐
Card Indexed: ☐ Completion Sheet: ☐

API Number 43-019-30 ~~778~~ 859

CHECKED BY:

Petroleum Engineer: Order # 149-3B - Exception location

Director: _____

Administrative Aide: ~~Per Rule C-3(c) Topo enclosed~~
PER ORDER BELOW

APPROVAL LETTER:

Bond Required: ☒ Survey Plat Required: ☐
Order No. #149-3B O.K. Rule C-3 ☐
Rule C-3(c), Topographic Exception - company owns or controls acreage
within a 660' radius of proposed site ☐

Lease Designation Fed. Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☒ P.I. ☒

July 23, 1982

TXO Production Corp.
1800 Lincoln Center Building
Denver, Colorado 80264

RE: Well No. Lauck Federal #1
Sec. 29, T16S, R25E
Grand County

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 149-3B, dated 05-28-80.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30859.

Sincerely,


RONALD J. FIRTH
CHIEF PETROLEUM ENGINEER

RJF:SC
cc: Minerals Management Service
Enclosure

Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

August 10, 1982

TXO Production Corporation
1800 Lincoln Center Building
Denver, Colorado 80264

Re: Rescind Applications for Permit
to Drill
Well Nos. Lauck 1 and Lauck 2
Section 29-T16S-R25E
Grand County, Utah
Lease No. U-34033

Gentlemen:

The Applications for Permit to Drill the referenced wells were approved January 28, 1982 and December 21, 1981 respectively. We are rescinding the approval of these applications as we have received your new applications for the same wells, and they are being processed.

If you have any questions, please feel free to contact this office.

Sincerely,

E. W. Gynn
District Oil & Gas Supervisor

bcc: SMA
State O&G
State BLM
MMS-Vernal
Well Files
APD Control
DH/dh



TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING

DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

February 25, 1983

STATE OF UTAH
Natural Resources & Energy
Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Attention: Mr. Cleon B. Feight
Director

RE: LAUCK FEDERAL #1
LAUCK FEDERAL "A" #1
Section 29, T16S-R25E
Grand County, Utah

Dear Mr. Feight:

Please be advised that TXO Production Corp. would appreciate having the status of the above referenced wells, both in Section 29, T16S-R25E, changed to tight holes.

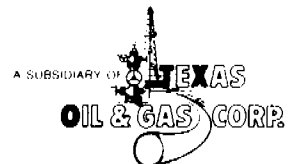
Thank you for your attention to this matter.

Sincerely,

TXO PRODUCTION CORP.

Diedre Erin Kay
Drilling Secretary

DEK





STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

May 3, 1983

TXO Production Corporation
1800 Lincoln Center Building
Denver, Colorado 80264

Re: Well No. Lauck Federal # 1 &
Lauck Federal "A" # 1
Sec. 29, T. 16S, R. 25E.
Grand County, Utah

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPUDDING INFORMATION

NAME OF COMPANY: TXO Production Corporation

WELL NAME: Lauch Federal #1

SECTION SWNE 29 TOWNSHIP 16S RANGE 25E COUNTY Grand

DRILLING CONTRACTOR Veco #8

RIG # 8

SPUDED: DATE 6-15-83

TIME 8:15 AM

How Rotary

DRILLING WILL COMMENCE

REPORTED BY Bruce Wright

TELEPHONE # 303-861-4246

DATE 6-15-83 SIGNED AS

NOTICE OF SPUD

Company: IXO Prod. Corp *Comp.*
Caller: Bruce Wright
Phone: _____

Well Number: Lauck 1

Location: Sec 29-16S-25E

County: Grand State: _____

Lease Number: 21-34033

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 8:15 6/15/83

Dry Hole Spudded Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) _____

12 1/4 to 300' 9 5/8 Casing

Rotary Rig Name & Number: Veco #8

Approximate Date Rotary Moves In: _____

~~FOLLOW WITH SUNDRY NOTICE~~

Call Received By: Alexis

Date: 6-15-83

RECEIVED

JUN 16 1983

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form Approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR
TXO Production Corp.
3. ADDRESS OF OPERATOR
1800 Lincoln Contr. Bldg., Denver, Co. 80264
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1704' ENL & 2570' FEL (29-16S-25E)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) Spudding		X

5. LEASE
U-34033
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Lauck Federal
9. WELL NO.
#1
10. FIELD OR WILDCAT NAME
San Arroyo
11. SEC., T., R. M. DR. BLK. AND SURVEY OR AREA
Section 29, T16S-R25E
12. COUNTY OR PARISH
Grand
13. STATE
Utah
14. API NO.
43-019-30859
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6941' CL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above well was spudded on 6/15/83 @ 8:15 AM. The 12-1/4" surface hole will be drilled to + 300', where 9-5/8" surface casing will be set. The drilling contractor is Veco Drilling, Rig #8.

TIGHT HOLE

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED R. Bruce Wright TITLE Petroleum Engineer DATE June 16, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

August 22, 1983

STATE OF UTAH
DIVISION OF OIL, GAS, & MINING
4241 State Office Building
Salt Lake City, Utah 84114

Attn: Mr. Cleon B. Feight
Director

PSA

RE: LAUCK FEDERAL #1
Section 29, T16S-R25E
Grand County, Utah

Dear Mr. Feight:

Please find enclosed two (2) copies of Form 9-330, "Well Completion or Recompletion Report and Log", and Form 9-331, "Sundry Notices and Reports on Wells", for the above referenced well. Also find enclosed copies of the well history and cementing report.

If there are any further requirements concerning this well, please contact me at this office.

Sincerely,

TXO PRODUCTION CORP.

R. Bruce Wright

R. Bruce Wright
Petroleum Engineer

RBW/dek
encls.

RECEIVED
AUG 30 1983

DIVISION OF
OIL, GAS & MINING

A SUBSIDIARY OF **AMERICAN TEXAS**
OIL & GAS CORP.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form Approved
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☐ other ☒ DRY

2. NAME OF OPERATOR
TXO PRODUCTION CORP.

3. ADDRESS OF OPERATOR
1800 Lincoln Cntr. Bldg., Denver, Co. 80264

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1704' ENL & 2570' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: same as above

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input checked="" type="checkbox"/>	<input type="checkbox"/>
(other) <input type="checkbox"/>	<input type="checkbox"/>

5. LEASE
U-34033

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Lauck Federal

9. WELL NO.
#1

10. FIELD OR WILDCAT NAME
San Arroyo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 29, T16S-R25E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.
43-019-30859

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6941' GL

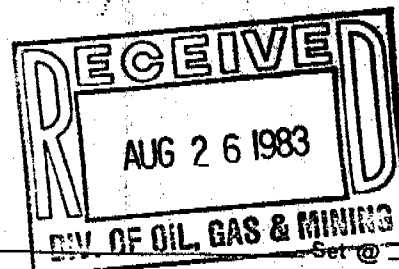
(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above well was plugged and abandoned (as per Mr. Bill Martens @ 3:20 PM on 6/22/83) as follows:
✓ 50 sxs from 5550' to 5350', ✓ 50 sxs from 2800' to 2600', ✓ 65 sxs from 1380' to 1180' (100' in & 100' out of 7" csg stub), ✓ 70 sxs from 368' to 268', & ✓ 10 sxs at the surface. Dry-hole marker was installed. Location was cleaned up and pit was fenced in. The location will be rehabilitated as per the APD as soon as feasible.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 8/24/83
BY: [Signature]

Subsurface Safety Valve, Injection, and Type



18. I hereby certify that the foregoing is true and correct

SIGNED R. Bruce Wright TITLE Petroleum Engineer DATE August 22, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

TXO PRODUCTION CORP.

3. ADDRESS OF OPERATOR

1800 Lincoln Center Bldg., Denver, Colorado 80264

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1704' FNL & 2570' FEL

At top prod. interval reported below

At total depth same as above

14. PERMIT NO.

43-019-30859

DATE ISSUED

9/30/82

5. LEASE DESIGNATION AND SERIAL NO.

U-34033

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lauck Federal

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

San Arroyo

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 29, T16S-R25E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

15. DATE SPURRED

6/15/83

16. DATE T.D. REACHED

6/22/83

17. DATE COMPL. (Ready to prod.)

N/A

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6956' KB

19. ELEV. CASINGHEAD

6941'

20. TOTAL DEPTH, MD & TVD

5860'

21. PLUG, BACK T.D., MD & TVD

surface

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

AFI

CABLE TOOLS

none

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	318'	12-1/4"	160 SXS	none
7"	20#	2697'	8-3/4"	150 SXS	1280'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
						D & A	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.			GRAVITY-API (CORR.)
		→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

35. LIST OF ATTACHMENTS

well history, plugging report

36. I hereby certify that the foregoing and attached information is complete and correct as determined by me.

SIGNED

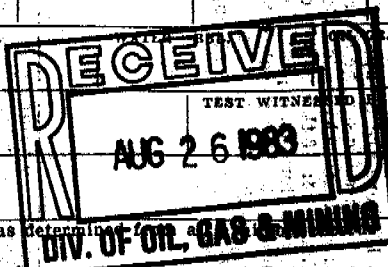
R. Bruce Wright

TITLE Petroleum Engineer

DATE

August 18, 1983

*(See Instructions and Spaces for Additional Data on Reverse Side)



INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** This well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Castlegate	2105'	
				Mancos	2320'	
				Dakota	5561'	
				Morrison	5820'	

WELL NAME: Lauck Federal #1
AREA: San Arroyo
LOCATION: Section 29, T16S-R25E
COUNTY: Grand
STATE: Utah
FOOTAGE: 1704' FNL & 2570' FEL

PTD: 6150'
ELEVATIONS: 6956' KB, 6941' GL
CONTRACTOR: Veco
AFE NUMBER: 830612
LSE NUMBER: 94295
TXO WI: 81.25%

APCOT FINADEL JOINT VENTURE
American Petrofina, Inc.
P. O. Box 2159
Dallas, Texas 75221
Attn: James H. Henderson

Just Mail

NICOR EXPLORATION
1667 Cole Blvd.
Golden, Colorado 80401
Attn: Sandy Broski
Phone: (303) 232-9292

Mail Weekly
Telecopy 232-5042

BUCKHORN PETROLEUM
P. O. Box 5928TA
Denver, Colorado 80217
Attn: Caroline
Phone: (303) 825-4771

Call Daily
Mail Weekly
Telecopy 893-1346

- 06/16/83 326' (326'), WO cmt truck to 1". Surface. Dust 150#. MI RU RT. Spudded 12-1/4" hole @ 8:30 AM on 6/15/83. Drld to 279', parted pin in btm of kelley. WO fishing tools & new kelley. Fished collars, & worked free. Resume drlg. TD surface hole @ 11 PM on 6/15/83. Blew hole clean. TOO. RU & RIH w/ surf csg. RIH w/ 9 jts 9-5/8", 36#, K-55, ST&C set @ 318'. Had 8' fill. Circ w/ air for 20 min. Pumped 25 bbls of gelled wtr. Cmt w/ 100 sxs of 50/50 poz w/ 2% gel & 2% CaCl₂ & 1/2#/sx flocele. Tailed w/ 60 sxs of Cl "H" w/ 2% CaCl₂ & 1/2#/sx flocele. PD @ 3 AM on 6/16/83. BP @ 1000#. Float held. No returns. Presently WO cmt to 1" to surface. DW: 126,141. CW: 126,141. DD 1.
- 06/17/83 615' (289'), drlg. Mesaverde. Dust 100#. Filled annulus w/ 150 sxs Cl "H" w/ 30 sxs sawdust. Cmt to surf. WOC & cut-off csg @ 2 PM on 6/16/83. Welded on wellhead, NU BOP, tested BOP & choke manifold to 1000#. TIH. Drld cmt & shoe, dried up hole. Resumed drlg. 10 @ 326'. DW: 13,807. CW: 139,948. DD 2.
- 06/18/83 2235' (1620'), drlg. Buck Tongue. Mist 210#. Drlg w/ dust. SD @ 1065' for 2 hrs to repair bloie line. Went back to drlg. Hole was wet. Began air misting. Had tight hole @ 1750'. Cleaned out. Resume drlg ahead. 3/40 @ 631', 1-3/40 @ 935', 1-1/20 @ 1247', 2-1/40 @ 1557', 20 @ 1821', 1-1/20 @ 2101'. DW: 27,313. CW: 167,261. DD 3.
- 06/19/83 2715' (480'), running 7" csg. Mancos. 8.4, 43, 12.6, 9.5. TD 8-3/4" intermediate hole @ 1 PM 6/18/83. Blew hole clean. Short trip to 2500'. Had 80' of fill. Mudded up hole, took 275 bbls to get circ. Got good circ, circ for 45 min, short trip to 2300'. Tight spot @ 2590', cleaned out. TOO. Repaired clutch & LD 6-1/4" DC's. PU 7" csg & begin RIH. Buck Tongue @ 1800', Castlegate @ 2105', Mancos @ 2320'. 1-3/40 @ 2420'. DW: 11,202. CW: 178,463. DD 4.
- 06/20/83 3275' (560'), drlg. Mancos. Dust 210#. Fin RIH w/ csg, tag @ 2704'. Circ w/ mud for 30 min. Pumped 10 bbls of mud flush. Ran 60 jts, 7", 20#, K-55, ST&C (2697'). Cmt w/ 75 sxs of 50/50 poz w/ 2% CaCl₂ & 1/4#/sx celloflake. Tail w/ 75 sxs of Cl "H" w/ 2% CaCl₂ & 1/4#/sx celloflake. Shoe set @ 2697'. Float set @ 2657'. PD @ 8 AM 6/19/83. BP @ 800#. Float held. Full returns. ND BOP & cut-off csg @ 9 AM on 6/19/83. Set slips, NU BOP & test to 1000#. TIH w/ bit & drill string. Drld cmt & shoe. Dry up hole & resumed drlg w/ dust. 1-1/20 @ 2700'. 1-3/40 @ 3026'. DW: 48,619. CW: 227,082. DD 5.

WELL NAME:	Lauck Federal #1	PTD:	6150'
AREA:	San Arroyo	ELEVATIONS:	6956' KB, 6941' GL
LOCATION:	Section 29, T16S-R25E	CONTRACTOR:	Veco
COUNTY:	Grand	AFE NUMBER:	830612
STATE:	Utah	LSE NUMBER:	94295
FOOTAGE:	1704' FNL & 2570' FEL	TXO WI:	81.25%

- 06/21/83 4790' (1515'), drlg. Mancos. Dust 220#. Drld to 4482'. TFB. Bit was gauged T4-B8-I. TIH w/ new bit & resume drlg. 2-1/4" @ 3305', 2-1/4" @ 3615', 2-1/2" @ 3920', 2-3/4" @ 4201', 3" @ 4483', 3-1/4" @ 4790'. DW: 24,540. CW: 251,622. DD 6.
- 06/22/83 5725' (935'), drlg. Dakota. Dust-210#. Drld to 5412'. TOOH & LD square collar. PU new bit & TIH. Resumed drlg. Base Mancos "B" @ 3615'. Dakota Silt @ 5561'. 1st Dakota sand @ 5620'. No flares. 6" @ 5121', 6" @ 5215', 6" @ 5569'. DW: 17,159. CW: 268,780. DD 7.
- 06/23/83 5860' (135'), Mud up to plug. Buckhorn. 8.4, 44, 8.2, 10. Drilling ahead. Conn flare for 10 sec @ 5789'. TD 6-1/4" hole @ 12:15 PM 6/22/83. Made 6 std short trip, had gas to surface in 12" w/o compressors. Had 1' lazy flare. TIH, no fill. Circ for 20" w/ air. Run survey. TOOH. RU Gearhart & log well. RD Gearhart. RIH w/ collars. W.O.O. LD collars. TIH w/ DP open-ended to plug. Began filling hole w/ mud to plug. 7" @ 5850'. DW: 15,106. CW: 283,886. DD 8.
- 06/24/83 5860' (0'), MORT. Buckhorn. Filled hole w/ mud. TIH w/ DP to 5550'. Set 50 sx plug from 5550'-5350'. TOOH. LD DP to 2800'. Set 50 sx plug from 2800'-2600'. TOOH. LD DP. ND stack. RD RT. Clean pits. RR @ 3 PM 6/23/83. Will recover 7" csg & finish plugging w/ completion rig. Drop from report until P & A operations completed. DW: 7226. CW: 291,112. DD 9.
- 08/18/83 Installed deadmen. MIRU plugging unit. Welded onto 7" csg. PU csg out of slips. Free-point csg & out csg @ 1280' GL. Worked csg for 3 hrs. POOH & LD 7" csg. Rec 1280' of 7", 20#, K-55, ST&C csg. TIH w/ 2-3/8" tbg & set plugs as follows: 65 sxs @ 1180-1380', 70 sxs @ 368-368', 10 sxs @ surf. Cut-off csg head, installed dry-hole marker. Cleaned location. RR @ 10 PM 8/17/83. Well P & A'd on 8/17/83. FINAL REPORT!!! DW: 10,850. CW: 301,962.



P.O. BOX 2250, LONG BEACH, CALIFORNIA 90801

SERVICE OPERATIONS CONTRACT
TERMS: PAYABLE AT LONG BEACH, CALIFORNIA
NET 20. PROX. STATEMENT ON REQUEST ONLY

CUSTOMER COPY

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered)
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of B.L. HUGHES Inc.

PRICE BOOK

SIGNED: [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

SERVICE REPRESENTATIVE: [Signature] THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]

☐ CHECK IF CONTINUATION IS USED

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)



BJ-HUGHES Inc.
A SUBSIDIARY OF HUGHES TOOL COMPANY

HUGHES™ P.O. BOX 2250, LONG BEACH, CALIFORNIA 90801

BULK MATERIAL CONTRACT

TERMS: PAY AT LONG BEACH, CALIFORNIA
NET 20th PROX. STATEMENT ON REQUEST ONLY

DATE OF JOB 08/17/83		DIST. NO. 01-36043		DATE		NO. B 70993	
CUSTOMER TXO Production Corp.				NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>		CUSTOMER ORDER NO.	
ADDRESS Box 1467				WELL NO. 1		LEASE Lauck Fed	
CITY Fruta STATE Co. 1 8521				COUNTY/PARISH Grand		STATE UT	
AUTHORIZED BY Wes Sutton				FIELD NAME San Arroyo			
<div style="border: 1px solid black; padding: 5px;"> <p>CUSTOMER ACCOUNT NO.</p> <p style="text-align: center;">OFFICE USE ONLY</p> <p style="font-size: 2em; text-align: center;">CUSTOMER COPY</p> </div>				SERVICE TICKET NO. S 27419		CODE 43	
				SALESMAN NUMBER 61248		CITY 99	
				STATE 43		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
				COUNTY/PARISH 43		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
TRUCK & TRAILER NUMBER 3783-J312		NO. OF LOADS 1		OTHER EQUIPMENT NO. 1415-17037		NO. OF MILES FROM STATION TO WELL 58	
				TOTAL PIECES OF BJ EQUIPMENT USED 4			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered)

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of BJ HUGHES Inc.

SIGNED: *Wes Sutton*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

	PRICE BOOK REF. NO.	BRAND & TYPE	QUANTITIES				UNIT PRICE	U/M	PRICE EXTENSION
			ORDERED	USED	RETURNED	CHARGED			
MATERIALS	104110595	IDEAL G	145	145	0	145	7.71	CF	1117.95
SERVICES	10889991	MIXING SERVICE				145	.95	CF	137.75
		RETURNED MATERIAL CHARGE							
		WAITING TIME							
	10940101	MILEAGE CHARGE		TONS 6.9	MILES 58		.75	TON MILE	300.15

SERVICE REPRESENTATIVE *Wes Sutton*

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Wes Sutton*

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

☐ CHECK IF CONTINUATION IS USED

155355

CEMENTING SERVICE REPORT

HUGHES TOOL COMPANY

<p>Date <u>8-17-83</u></p> <p>Company <u>TXO</u></p> <p>Well No. <u>Lauk Fed 1</u></p> <p>Service Ticket No. <u>5-27419</u></p> <p>Formation _____</p> <p>County <u>Grand</u></p> <p>State <u>Utah</u></p> <p>BJ Service Foreman <u>Wayne L. Price</u></p> <p>Company Representative <u>Wes Sutton</u></p> <p>REMARKS: <u>P + A</u></p>	<p style="text-align: center;">WELL DATA</p> <p>Hole Size: <u>8 3/4</u> Depth: <u>1300</u></p> <p>Casing Size: <u>7"</u> Wt. <u>23#</u> Depth <u>1300</u></p> <p>Dlg. Fluid Type <u>H₂O</u> Wt. _____</p> <p>Stage Collars: _____</p> <p>Contractor: <u>Carmack</u></p> <p style="text-align: center;">CEMENT DATA</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">NO. SACKS</th> <th style="width: 10%;">YIELD Cu. Ft./Sk.</th> <th style="width: 40%;">CEMENT MIX</th> <th style="width: 10%;">CUFF</th> <th style="width: 10%;">VOLUME BBLs.</th> <th style="width: 10%;">W</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">145</td> <td style="text-align: center;">1.141</td> <td style="text-align: center;">G Neel</td> <td style="text-align: center;">165</td> <td style="text-align: center;">29</td> <td style="text-align: center;">15</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> <p>Volume of Displacement _____ Bbl</p> <p>Cement Circulated <u>170</u> Bbls</p> <p>Circulation During Job? <u>yes</u></p>	NO. SACKS	YIELD Cu. Ft./Sk.	CEMENT MIX	CUFF	VOLUME BBLs.	W	145	1.141	G Neel	165	29	15																		
NO. SACKS	YIELD Cu. Ft./Sk.	CEMENT MIX	CUFF	VOLUME BBLs.	W																										
145	1.141	G Neel	165	29	15																										

Trucks Used 1415-3783-J312-17037

TIME	RATE BPM	VOLUME BBL	PRESSURE		Job Detail
			TUBING	CASING	
3:00P					Arrived Loc Riced up Safety meeting
5:00P	3	2			H ₂ O Ahead 1300-1100
	6	15			1 st Plug
6:00P	4	43			Slurry
					H ₂ O Displacement
7:40	3	2			H ₂ O Ahead
	4½	12			268-368
	4	10			Slurry 2nd plug
					H ₂ O Displacement
					10 sx @ surface

CONFIDENTIALOperator TXO PRODUCTION CORPORATION Representative _____Well No. Lauck Fed # 1 Location SW 1/4 NE 1/4 Section 29 Township 16S Range 25ECounty Grand Field San Arroyo State UtahUnit Name and
Required Depth _____ Base of fresh water sands _____T.D. 5860' Size hole and
Fill per sack _____ " _____ Mud Weight
' and Top 84 #/gal. _____

Casing Size	Set At	Top of Cement	To Be Pulled	Plugging Requirements		
				From	To	Sacks Cement
<u>7"</u>	<u>2697'</u>	_____	_____	<u>1) 5550'</u>	<u>5350'</u>	<u>As necessary</u>
<u>9 5/8"</u>	<u>318'</u>	_____	_____	<u>2) 2800'</u>	<u>2600'</u>	<u>As necessary</u>
<u>Formation</u>	<u>Top</u>	<u>Base</u>	<u>Shows</u>	<u>3) Will cut & pull 7" casing</u>		
<u>Castlegate</u>	<u>2105'</u>	_____	_____	<u>Cement 100' in & 100' out of 7" casing stub</u>		
<u>Mancos</u>	<u>2320'</u>	_____	_____	<u>4) 50' in & 50' out of 9 5/8 casing</u>		
<u>Base Mancos</u>	<u>3615'</u>	_____	_____	<u>5) 10 sks at surface</u>		
<u>Dakota</u>	<u>5561'</u>	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

REMARKS

DST's, lost circulation zones, water zones, etc., _____

Bill Martens, BLM, supplied plugging program. _____

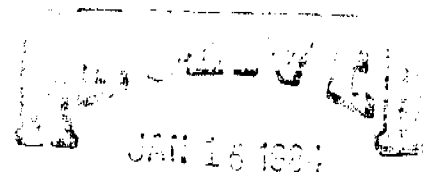
Approved by RJF Date 6-24-83 Time _____ a.m.
p.m.



TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246



January 12, 1984

**DIVISION OF
OIL, GAS & MINING**

~~Jane Callahan~~

State of Utah
Natural Resources & Energy
Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Dear Ms. Call:

Please keep the logs and records from the following wells confidential:

TXO Coyote Basin Federal #1
Sec. 5-T8S-R25E, Uintah County, Utah

TXO Little Berry State #1
Sec. 2-T16S-R23E, Grand County, Utah

TXO Evacuation Creek State #1
Sec. 36-T11S-R25E, Uintah County, Utah

You can release all other TXO-operated wells on which you currently have logs and wellfiles. However, this does not apply to TXO-operated wells spudded after today (January 12, 1984). The confidentiality of TXO-operated wells which are spudded after today will be determined by a letter from our engineering department.

Sincerely,

TXO PRODUCTION CORP.

William A. Siruta
District Exploration Manager

WAS/cjd

xc: Ron Dashner
Bruce Wright

EMC/

